

JUN 30 1982

ALODINE, COATING

CHEMICAL FUM
POWDERFORM NO. OSHA-20 (MODIFIED)
MAY 1971

MDC CONTROL NO. _____

JPM 1453

U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDS
MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

FACTURER'S NAME Amchem Products, Inc.		EMERGENCY TELEPHONE NO. (215) 628-1230
ESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) Brookside Avenue; Ambler, PA 19002		
CAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Alodine 1200
CAL FAMILY		FORMULA

SECTION II: HAZARDOUS INGREDIENTS*

INTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
ENTS			BASE METAL		
ALYST			ALLOYS		
CLE			METALLIC COATINGS		
VENTS			FILLER METAL PLUS COATING OR CORE FLUX		
TIVES			OTHERS		
ERS					

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*	%	TLV (UNITS)
Chromic Acid	25-35	
Potassium Ferricyanide	15-25	
Sodium Fluoborate	35-45	
Potassium Fluozirconate	10-15	

SECTION III: PHYSICAL DATA

ING POINT (°F)	N/A	SPECIFIC GRAVITY (H ₂ O = 1)	N/A
OR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	
OR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)	
UBILITY IN WATER	Appreciable		
PEARANCE AND ODOR	Dark orange powder; slight acidic odor		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

SH POINT (METHOD USED)	FLAMMABLE LIMITS	LeI	UeI
None			
TINGUISHING MEDIA	Water		
ECIAL FIRE FIGHTING PROCEDURES	None		

USUAL FIRE AND EXPLOSION HAZARDS Do not allow powder to come in contact with organic materials
such as sawdust, rags, paper, etc.

CAUTION: AVOID CONTACT WITH SKIN, EYES, OR CLOTHING. SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Will ulcerate mucous membranes if swallowed or inhaled. May irritate and burn eyes or skin if spilled.

EMERGENCY AND FIRST AID PROCEDURES

Ingestion: Drink milk of magnesia, aluminum hydroxide gel, or limewater followed by several glasses of water.

Eyes: Flush immediately with copious amounts of water for at least 15 minutes. Call a doctor.

Skin: Wash with soap and water and rinse thoroughly.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE	CONDITIONS TO AVOID
	STABLE	x

INCOMPATIBILITY (MATERIALS TO AVOID)

organic materials

HAZARDOUS DECOMPOSITION PRODUCTS

hydrogen fluoride

HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID
	WILL NOT OCCUR	x

SECTION VII: SPILL OR LEAK PROCEDURES

STeps TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Transfer unspilled material to a clean polyethylene container. Treat spilled material with dilute solution of sodium metabisulfite to reduce chrome. Adjust pH to 7-8 with lime and flush to treatment plant with plenty of water.

WASTE DISPOSAL METHOD

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Filter type dust, fume or mist respirator. NIOSH approved

VENTILATION	LOCAL EXHAUST	SPECIAL
	x	
	MECHANICAL (GENERAL)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
Rubber	Safety goggles and face shields

OTHER PROTECTIVE EQUIPMENT
Rubber aprons

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool place away from organic material. Keep container closed.

OTHER PRECAUTIONS

June 23, 1982